



PATENT  
Customer No. 22,852  
Attorney Docket No. 04173.0348

#28  
6/16/04

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Hideaki FUKUZAWA et al. ) Group Art Unit: 2652  
)  
Application No.: 08/940,020 ) Examiner: D. Davis  
)  
Filed: September 29, 1997 )  
)  
For: MAGNETORESISTANCE EFFECT ) Confirmation No.: 4500  
DEVICE HAVING HARD )  
MAGNETIC FILM STRUCTURAL )  
BODY )

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAY 25 2004  
Technology Center 2600

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), and supplemental to the Information Disclosure Statements (IDS) filed on November 4, 2003 and April 7, 1999, Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This IDS is being filed before a Final Action, Notice of Allowance, or Quayle Action. Each of the documents listed in this IDS was first cited in a communication from the Japanese Patent Office in a counterpart foreign application, and this IDS is being filed within three months of the mailing date of that communication.

Copies of the communication from the Japanese Patent Office in the counterpart patent application and the documents listed therein, including any copending patent

applications, are attached. An English translation of the communication and an Abstract of each listed document are also enclosed. English translations of portions of Japanese Published Patent Application Nos. 08-083418 and 08-115519, which are listed in this IDS, are also attached.

Further, supplemental to the IDS filed on November 4, 2003, which cited Japanese Published Patent Application No. 04-153910 and provided a statement of relevancy thereof, Applicants submit an English translation of a portion of that Application.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

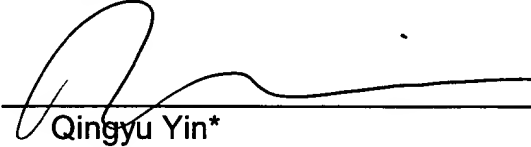
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

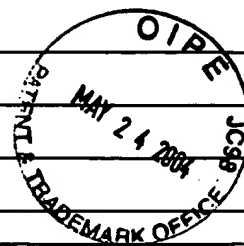
Dated: May 24, 2004

By:   
Qingyu Yin\*

\*With limited recognition under 37 C.F.R. § 10.9(b)

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04173.0348	Appln. No.	08/940,020
Applicant	Hideaki FUKUZAWA et al.		
Filing Date	September 29, 1997	Group:	2652



## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

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## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
08-083418	03/26/96	Japan			Abstract
08-115519	05/07/96	Japan			Abstract
07-029142	01/31/95	Japan			Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce